



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, September 3, 2017

Issued: 0800 CT

**Day 1 Hazards: Major Flooding continues across SE TX/SW LA**

**National Weather Service**

**Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX**



**Prepared by: Kurt M. Van Speybroeck  
682-703-3747**

# Key Points



## Today

- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts underway for Hurricane Harvey

## Monday

- Isolated showers/thunderstorms possible across SE TX/Gulf Coast
- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts underway for Hurricane Harvey

## Tuesday – Thursday

- Cold front moves through the TX Coast with Isolated showers/thunderstorms possible across SE TX/Gulf Coast
- Major river flooding continues across parts of SE TX/SW LA
- Recovery efforts underway for Hurricane Harvey

## Tropical Weather Outlook

- Hurricane Irma has formed in the Tropical Atlantic and will be monitored closely for any impacts to FEMA Region 6
- A second wave moving off the coast of Africa has a medium chance of developing in the Tropical Atlantic in the next 5 day.

# FEMA Region 6 Threat Matrix

Sep 3, 2017 - Sep 7, 2017

	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
River Flooding	SE TX/SW LA	SE TX/SW LA	SE TX / SW LA	SE TX / SW LA	SE TX
Tropical Weather					

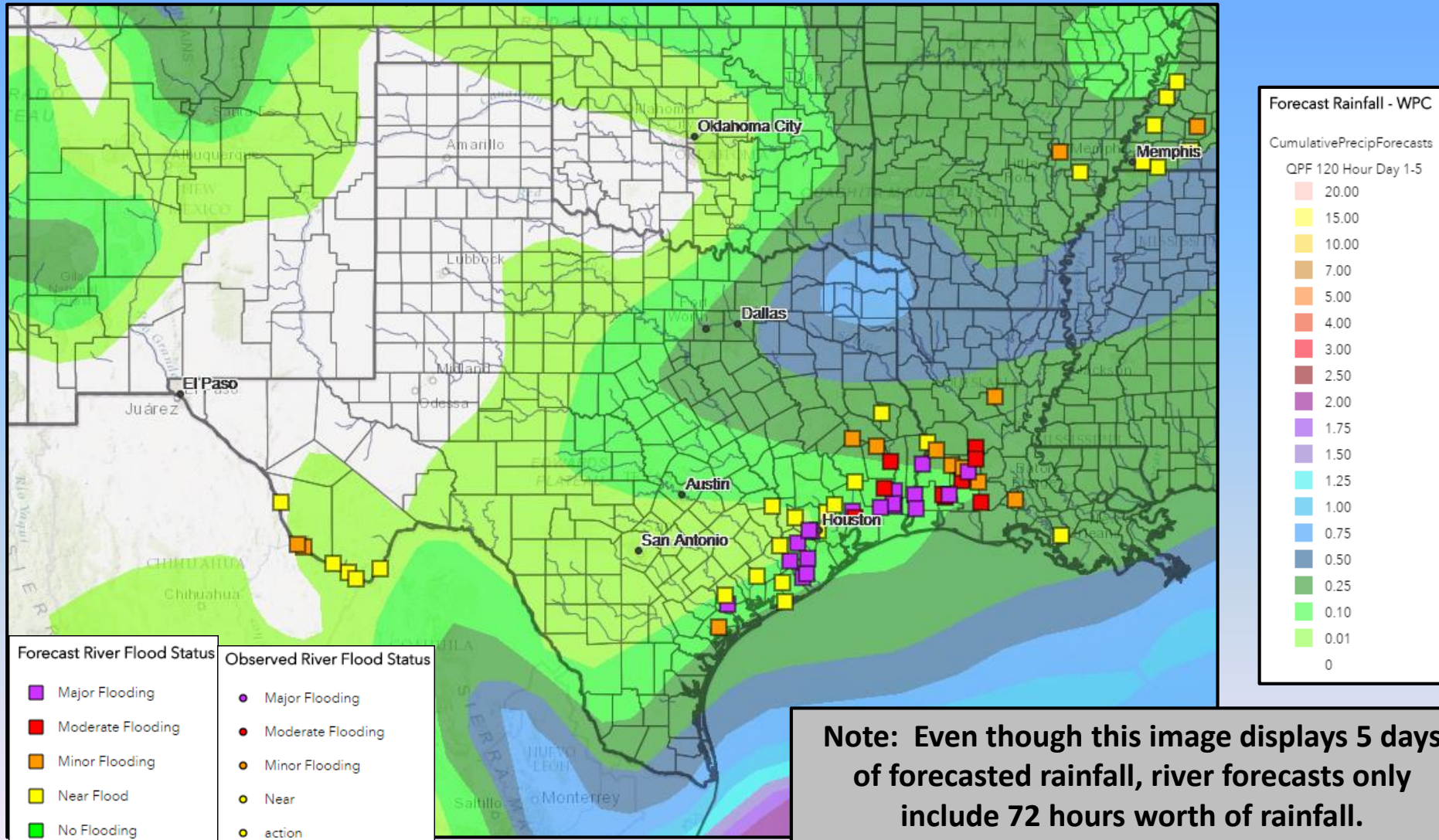
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

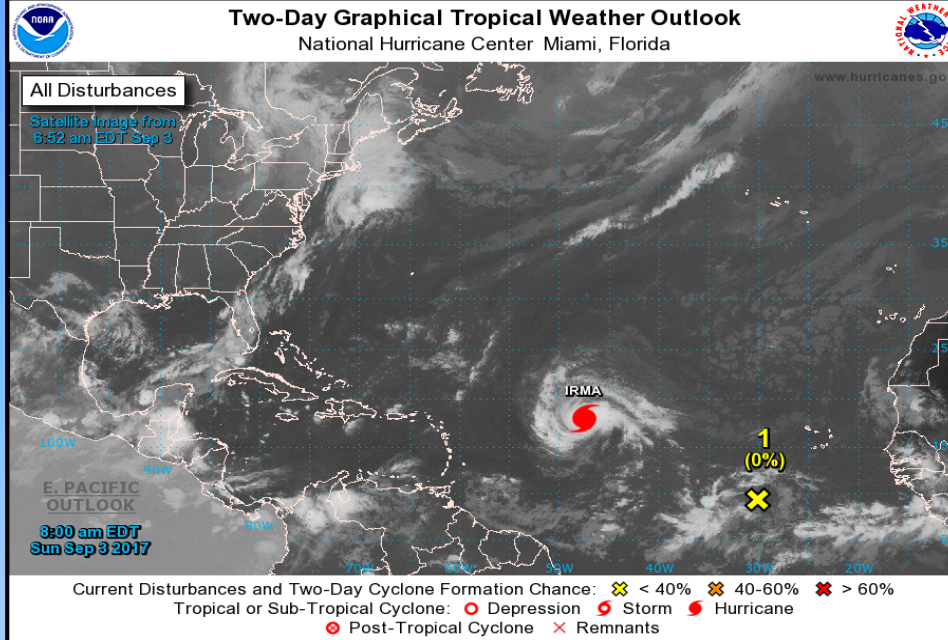
- Major (record) river flooding continues across parts of SE TX and SW LA.



For the latest on river flooding: <http://water.weather.gov/ahps>



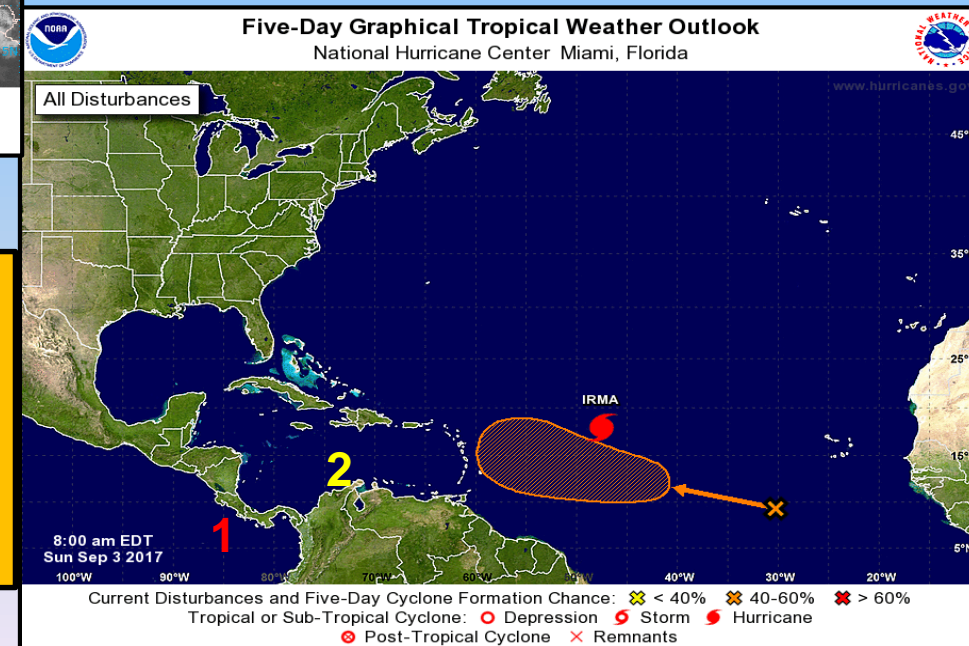
# Tropical Weather Outlook



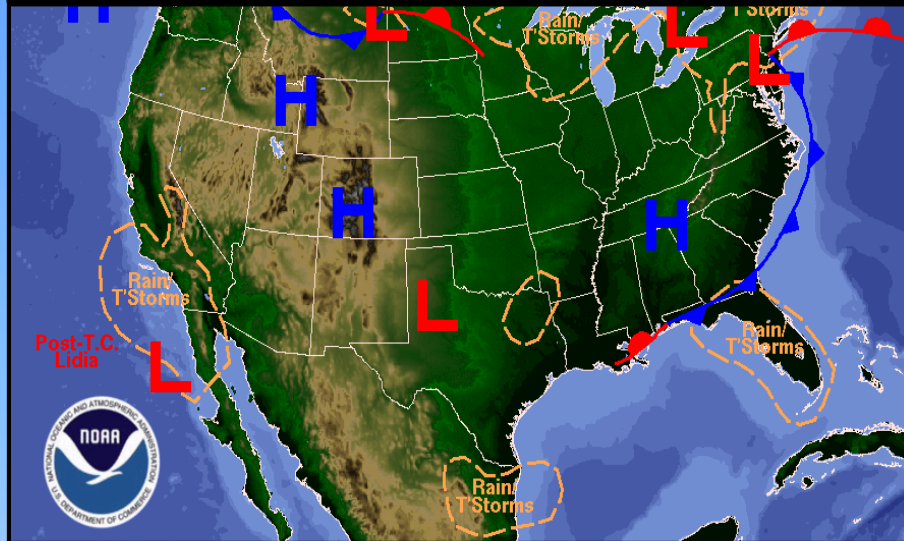
Irma was located near 18.0 N and 47.5 W moving southwest at 15 mph a gradual turn to the northwest is expected. Irma is a major hurricane with winds of 115 mph.

A tropical wave several hundreds of miles SW of the Cabo Verde Islands continues moving west northwest at about 10 mph. Conditions should become favorable for development in the next few days.

- Formation chances in 2 days...low...near 0%
- Formation chances in 5 days...medium...60%



# Today's Weather

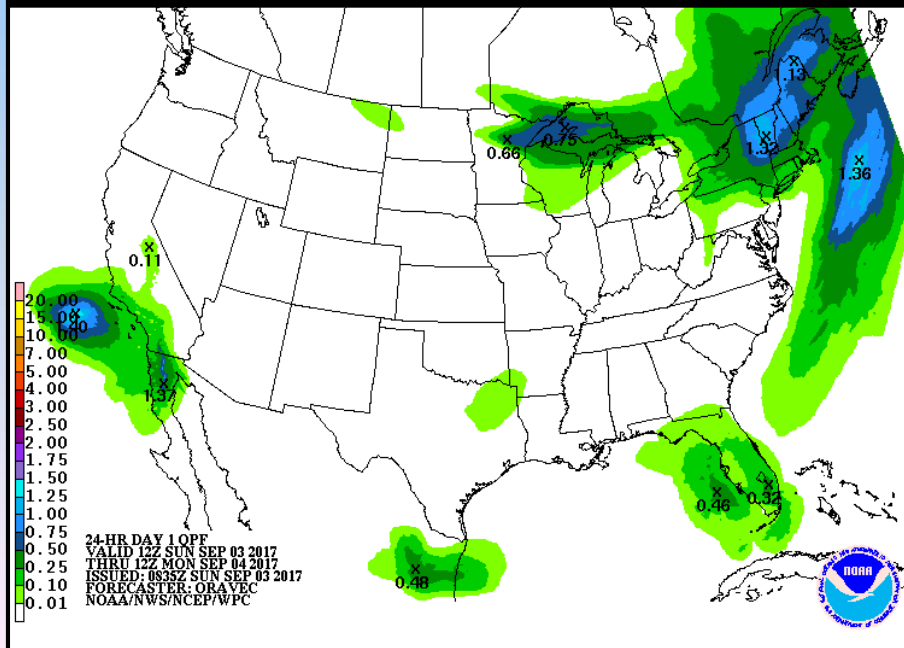


Day 1 National Forecast Chart

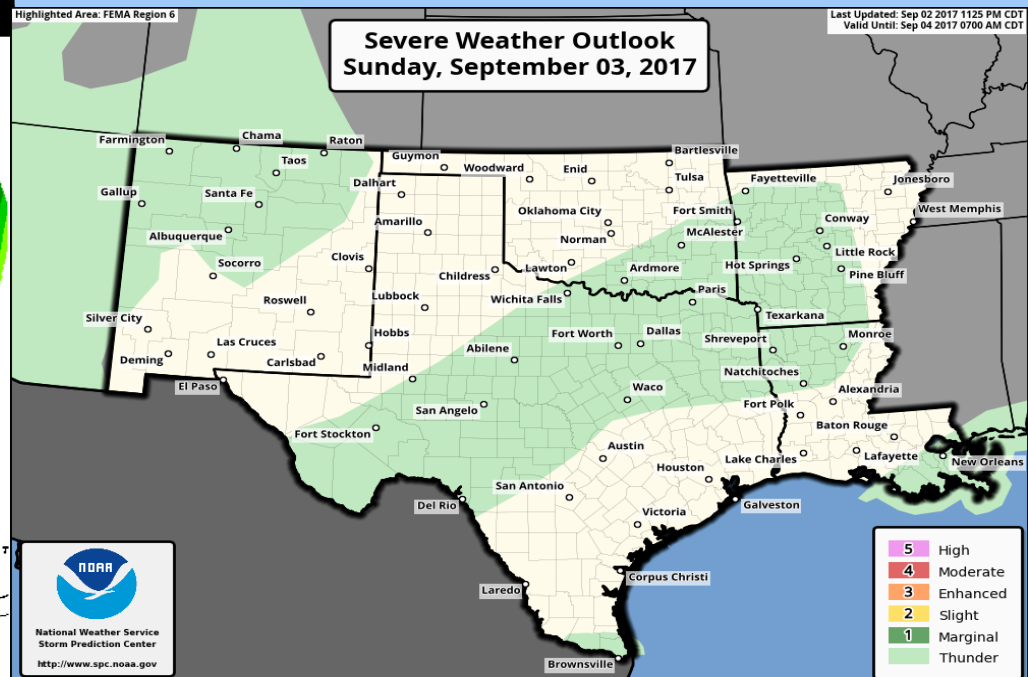
Valid Sun, Sep 03, 2017, issued 4:42 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major/Record flooding continues across SE TX today.



24-HR DAY 1 OUTFLOW  
VALID 12Z SUN SEP 03 2017  
THRU 12Z MON SEP 04 2017  
ISSUED: 0835Z SUN SEP 03 2017  
FORECASTER: OBA/VEG  
NOAA/NWS/NCEP/WPC



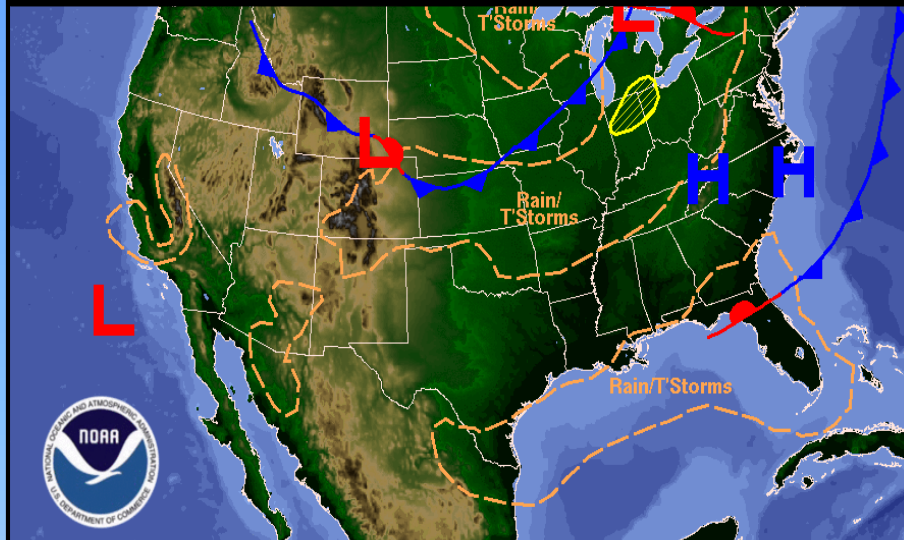
Severe Weather Outlook  
Sunday, September 03, 2017

Last Updated: Sep 02 2017 1125 PM CDT  
Valid Until: Sep 04 2017 0700 AM CDT

NOAA  
National Weather Service  
Storm Prediction Center  
<http://www.spc.noaa.gov>

5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder

# Tomorrow's Weather

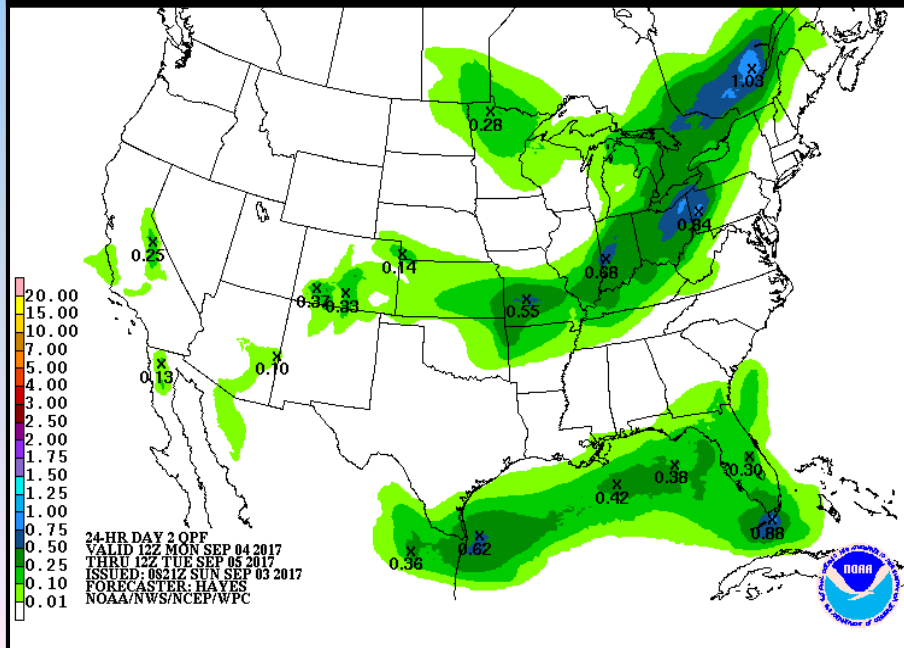


Day 2 National Forecast Chart

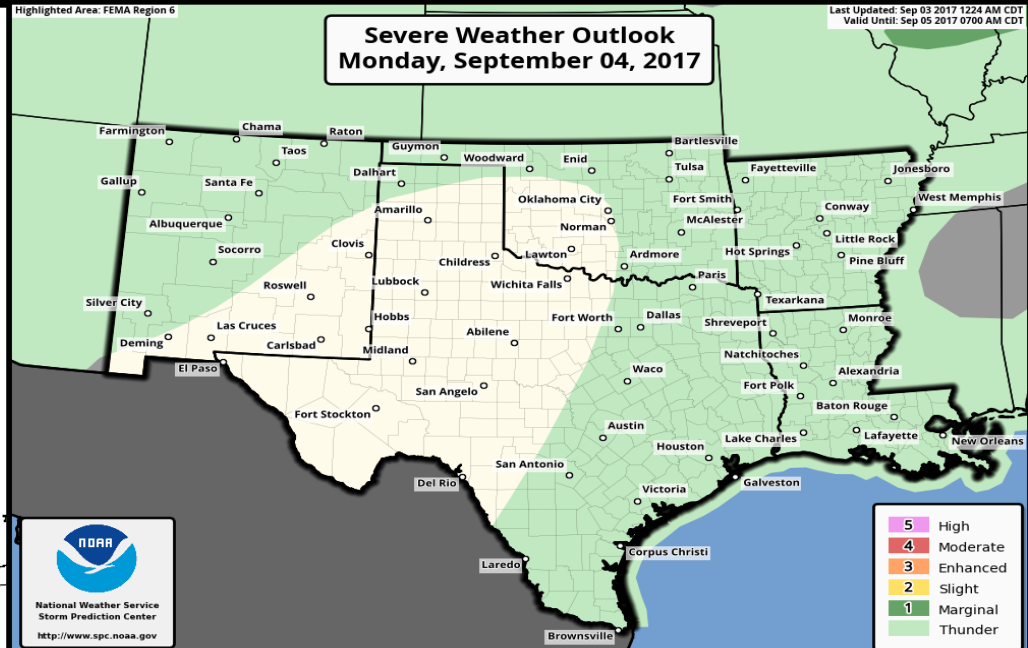
Valid Mon, Sep 04, 2017, issued 4:57 AM EDT Sun, Sep 03, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major/Record flooding continues across SE TX today.



24-HR DAY 2 QPF  
VALID 12Z MON SEP 04 2017  
THRU 12Z TUE SEP 05 2017  
ISSUED: 08:12Z SUN SEP 03 2017  
FORECASTER: HAYES  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Monday, September 04, 2017

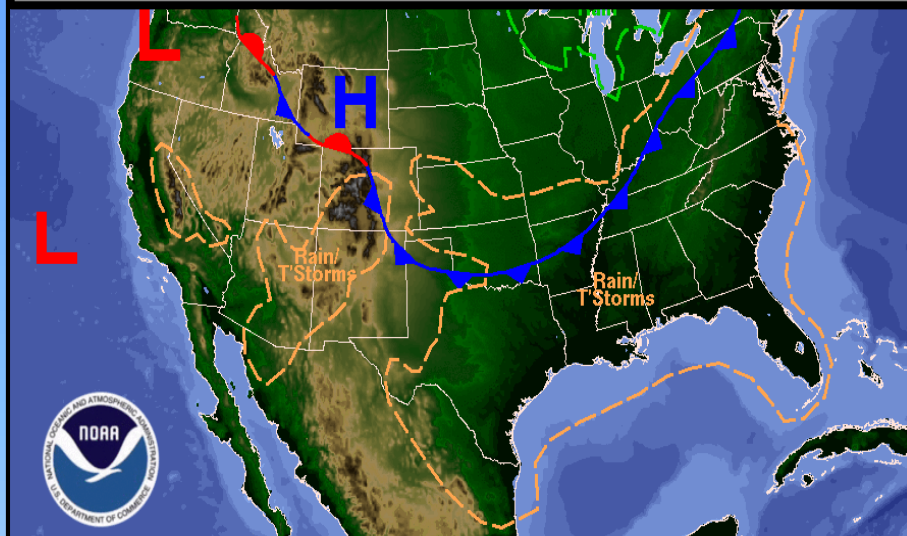
Last Updated: Sep 03 2017 1224 AM CDT  
Valid Until: Sep 05 2017 0700 AM CDT



5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder



# Tuesday's Weather

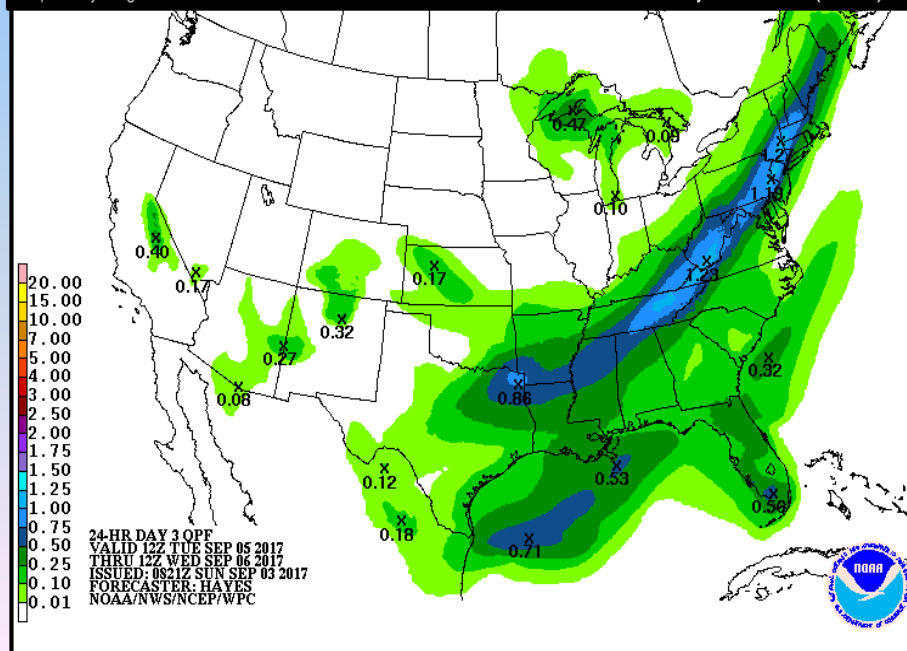


Day 3 National Forecast Chart

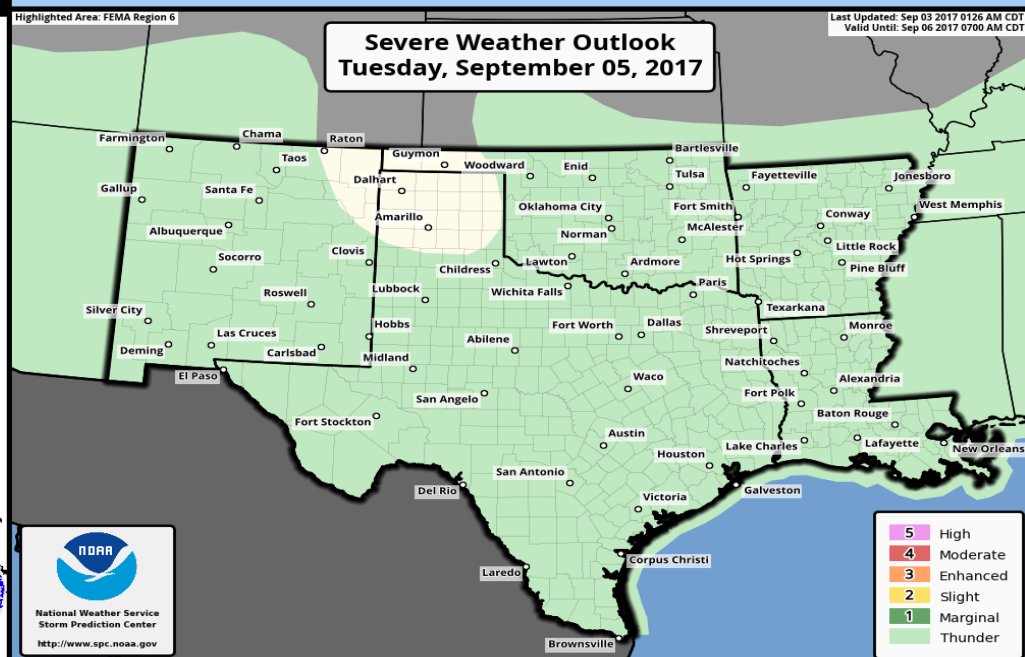
Valid Tue, Sep 05, 2017, issued 5:02 AM EDT Sun, Sep 03, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

Major/Record flooding continues across SE TX today.



24-HR DAY 3 QPF  
VALID 12Z TUE SEP 05 2017  
THRU 12Z WED SEP 06 2017  
ISSUED: 0821Z SUN SEP 03 2017  
FORECASTER: HAVES  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Tuesday, September 05, 2017

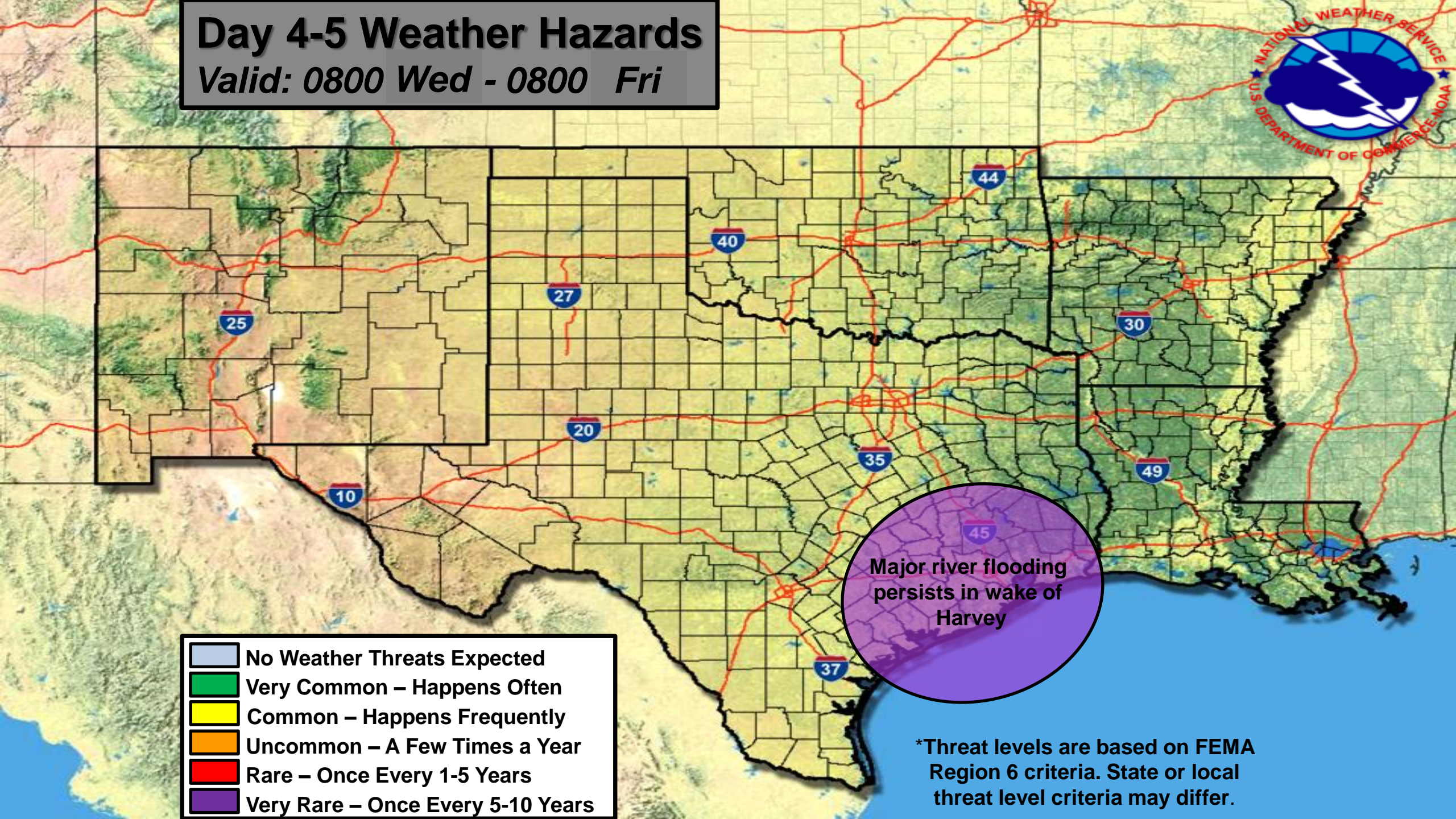
Last Updated: Sep 03 2017 0126 AM CDT  
Valid Until: Sep 06 2017 0700 AM CDT







NOAA  
National Weather Service  
Storm Prediction Center  
<http://www.spc.noaa.gov>



# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



- |   |                                   |
|---|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

Major river flooding  
persists in wake of  
Harvey

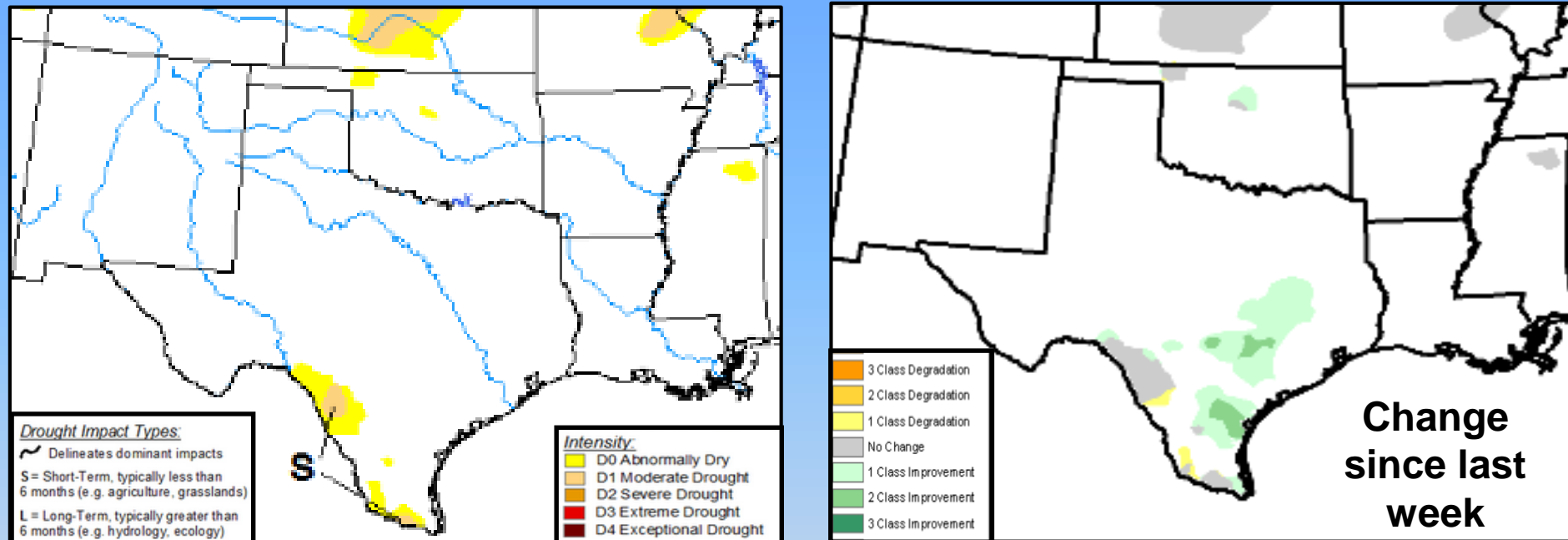
\*Threat levels are based on FEMA  
Region 6 criteria. State or local  
threat level criteria may differ.





# Drought Monitor Released 31 August, 2017

Data valid as of 7am CDT, Tuesday, August 29, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

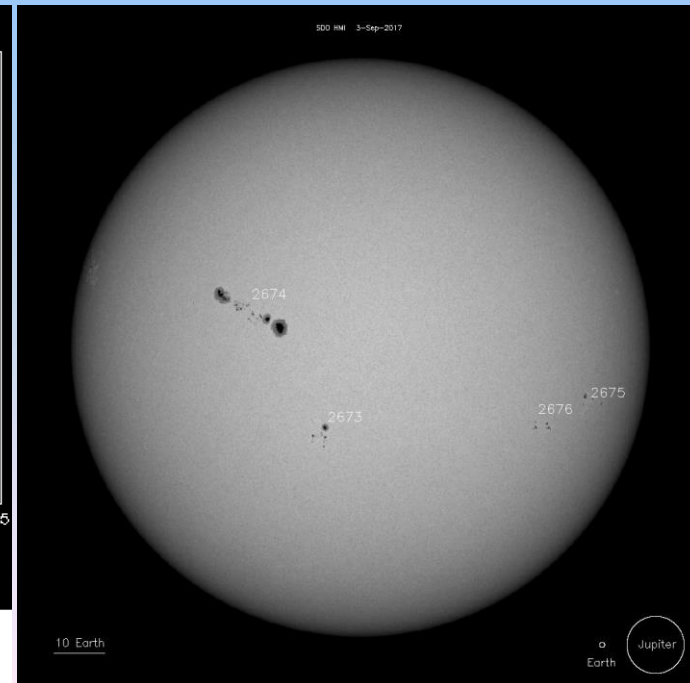
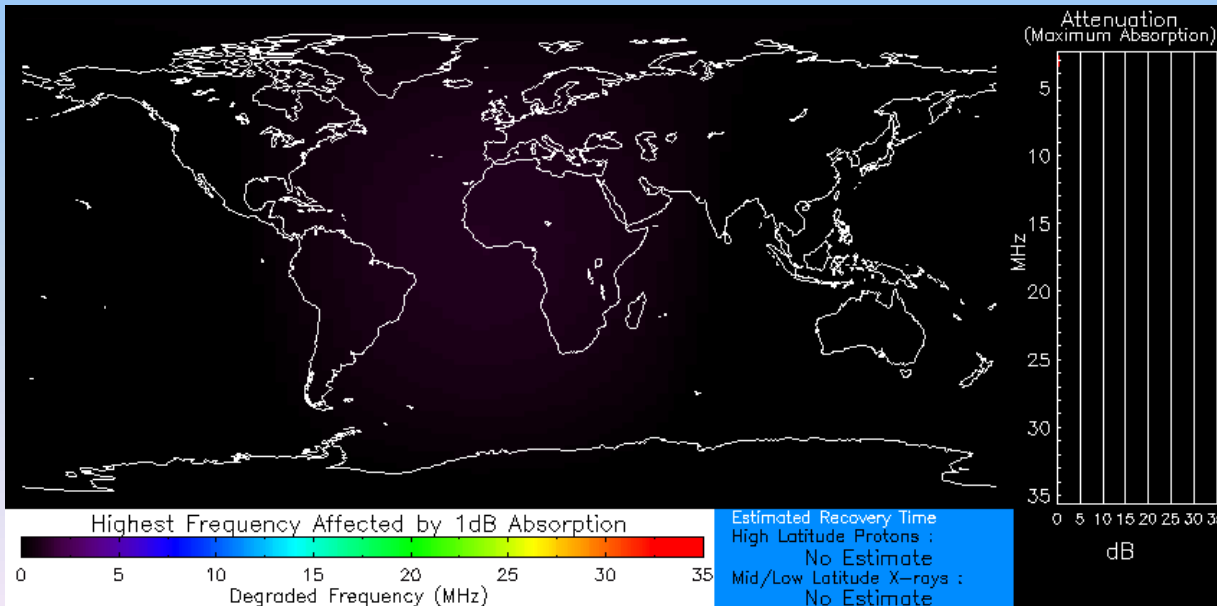
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	15%	15%	15%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Information provided by:



**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>